

# Graduate Seminar

**Tom Baird,  
Memorial University**

**Thursday, November 7, 2013  
1:00p.m., HH-3017**

*Representation theory of compact Lie groups*

## **Abstract:**

This lecture will be a short introduction to the (complex) representation theory of compact Lie groups. I will touch on group rings, characters, and the Peter-Weyl Theorem. If time permits, I will hint at links with loop group representations and the Wess–Zumino–Witten (WZW) model of conformal field theory.